

MONTHLY NOTICES

OF THE

ROYAL ASTRONOMICAL SOCIETY.

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MAY 13, 1892.

No. 7

E. B. KNOBEL, Esq., President, in the Chair.

The Rev. W. H. Addison, 8 West Chapel Street, Mayfair, W. ;
Henry Baynham, Lieutenant R.N.R., Captain of H.M.S.

“Wellesley,” Training Ship, North Shields ;

Humphrey Barker Chamberlin, 1033 Sixteenth Street, Denver,
Colorado, U.S.A. ;

Otto Jaffe, Kin Edar, Strandtown, Belfast, Ireland ;

Charles Henry Johns, M.A., Althorpe House, Waverley
Grove, Hendon, N.W. ;

William Grant MacGregor, F.R.G.S., 18 Coleman Street, E.C. ;

Captain R. Reynolds, Lieutenant R.N.R., Union Steamship
“Pretoria,” Southampton ;

Albert Edward Watson, B.A., F.R.Met.Soc., Whitgift
Grammar School, and 8 St. John’s Grove, Croydon,

were balloted for and duly elected Fellows of the Society.

The following candidates were proposed as Fellows of the Society, the names of the proposers from personal knowledge being appended :—

The Rev. James Barnes Brearley, M.A., F.R.G.S., St. James’s
Church, Oldham, Lancashire (proposed by A. de Boë) ;

Herbert Hancock, M.A., F.R.Met.Soc., Lecturer on
Geometry to the Architectural Association, and Mathe-
matical Master in Bancroft’s School, Woodford, Essex
(proposed by W. H. Besant) ;

Thomas Torrens Knowles, M.A., Cambridge Extension
Lecturer in Chemistry, Lancashire County Council Lec-
turer in Physics, Mathematical and Science Master,

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Royal Grammar School, Lancaster (proposed by John Bone);

Alfred Thomas Odell-Lorrell, Science Lecturer and Examiner,
1 St. Mary's Grove, Chiswick, W. (proposed by D. Milligan);

Edward Stroud, Prisca Coborn Foundation School, Tredegar
Square, E. (proposed by J. McCarthy);

John Tatlock, Jun., M.A., New York City, U.S.A. (proposed
by S. W. Burnham).

The following were proposed by the Council as Associates of
the Society:—

W. L. Elkin, Yale College Observatory, New Haven, Con-
necticut, U.S.A.;

J. C. Kapteyn, Observatory, Gröningen, Holland;

Hugo Seeliger, Royal Observatory, Munich, Bavaria;

Hermann Struve, Observatory, Pulkowa, Russia.

Seventy-seven presents were announced as having been re-
ceived since the last meeting, including, amongst others:—

Original negatives of *Jupiter* (12 plates), taken with the
great telescope of the Lick Observatory, presented by the
Observatory; Original negative of Swift's Comet, taken at the
Sydney Observatory, presented by H. C. Russell; Photograph
of the region surrounding η *Argus*, enlargement from a negative
taken by Dr. Gill at the Royal Observatory, Cape of Good
Hope, presented by the President; Photographs of the "Crab"
Nebula (1 M *Tauri*), presented by Isaac Roberts; R. Wolf,
Geschichte der Astronomie, third half-volume, presented by
the author; Photograph of the Total Solar Eclipse of 1871
(positive copy on glass), taken in Java, presented by Professor
Oudemans; Oxygen bottle for use with the lantern at evening
meetings, presented by E. Ristori.

*Observations of the Moon made at the Radcliffe Observatory, Oxford,
during the year 1891; and a Comparison of the Results with
the Tabular Places from Hansen's Lunar Tables.* By E. J.
Stone, M.A., F.R.S., Radcliffe Observer.

The present paper contains the observations of the Right
Ascensions and North Polar Distances of the Moon, made at the
Radcliffe Observatory during the year 1891. These results are
here compared with those deduced from Hansen's Lunar Tables
on two suppositions:—

- (1) That the mean times found in the usual way, from the
sidereal times at mean noon given in the *Nautical
Almanac*, were not altered in scale, or affected with
any different systematic errors of determination, by